

3-31-00

PATENT

Docket No. IL-10475

Assistant Commissioner for Patents  
Washington, DC 20231

## NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of Inventor(s):  
**Stefan P. Swierkowski**

For (title): **A MICROCHANNEL CROSS LOAD ARRAY WITH DENSE  
PARALLEL INPUT**

## 1. Type of Application

- ☒ This new application is for an original patent.
- ☐ This new application is a:
- ☐ Division
  - ☐ Continuation
  - ☐ Continuation-in-part (CIP)

## 2. Benefit of Prior U.S. Application(s) (35 USC 120)

- ☐ The new application being transmitted claims the benefit of prior U.S. application(s).

3. ☐ Benefit under 35 U.S.C. 119(e) of United States provisional application(s) listed below:

Application Serial No.

Filing Date

## 4. Papers enclosed which are required for filing Date Under 37 CFR 1.53(b).

12 Pages of specification w/cover sheet6 Pages of claims1 Pages of abstract3 Sheets of drawings☒ formal☐ informal

## 5. Additional papers enclosed

- ☐ Preliminary Amendment
- ☒ Information Disclosure Statement
- ☒ Form PTO-1449

6. Declaration or oath

- ☒ Enclosed and executed by
  - ☐ inventors
  - ☐ legal representative of inventor(s) 37 CFR 1.42 or 1.43
- ☐ Not Enclosed

7. Assignment

- ☒ An assignment of the invention to The Regents of the University of California.
  - ☒ is attached
  - ☐ will follow

8. Certified Copy

Certified copy(ies) of application(s)

(country)	(application no.)	(filed)
(country)	(application no.)	(filed)

from which priority is claimed

- ☐ is(are) attached.
- ☐ will follow

9. Fee Calculation

CLAIMS AS FILED					
Type of Claim	Number Filed	Included in Basic Fee	Number Extra	Rate	Total Fee
Total Claims	28	-20 =	8 x	\$18 =	\$ 144.00
Independent Claims	2	-3 =	0 x	\$78 =	\$ 0
				Multiple Claims =	\$ 144.00
				Basic Filing Fee =	\$ 690.00
				Sub-Total =	\$ 834.00
				Small Entity Filing Fee=	\$ 417.00

10. **Small Entity Statement(s)**

- ☒ Verified Statement that this is a filing by small entity under 37 CFR 1.9 and 1.27 is attached.

Filing Fee Calculation (50% of regular filing fee) \$ 417.00

11. **Fee Payment**

- ☐ Not Enclosed  
☒ Enclosed (See Account No. Below)

**Total Basic Filing Fees To Be Paid** \$ 417.00

12. **Method of Payment of Fees**

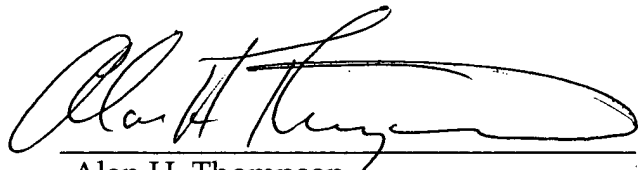
- ☐ Check in the Amount of \$ \_\_\_\_\_  
☒ Charge Account No. 12-0695 in the amount of \$ 417.00

A duplicate of this transmittal is attached.

13. **Instructions As To Overpayment/Underpayment**

- ☒ credit/charge  
Account No. 12-0695  
☐ refund

Dated: 3/29/00



Alan H. Thompson  
Patent Attorney  
Registration No. 29,981  
P.O. Box 808, L-703  
Livermore, CA 94551

Telephone (925) 422-7820

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Stefan P. Swierkowski  
Serial No. :

Attorney Docket No. : IL-10475  
Art Unit:

Filed :

Examiner:

For : A Microchannel Cross Load Array with Dense Parallel Input

Assistant Commissioner for Patents  
Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

"Express Mail" label number EL269946244US

Date of Deposit 3/29/00

I hereby certify that the following *attached*

1. Recordation Cover Sheet and Assignment
2. New Application Transmittal (in duplicate)
3. Verified Statement Claiming Small Entity Status
4. Application  
(Specification w/cover sheet 12 pages, Claims 6 pages, Abstract 1 page; Combined Declaration and Power of Attorney; Three (3) sheets of Formal Drawings)
5. Information Disclosure Statement, Form PTO-1449, 3 US Patents
6. Return postcard

is being deposited with the United States Postal Service "Express Mail Post Office to addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box: Patent Application, Washington, D.C. 20231.

Kathy E. Raymond

(Type or print name of person mailing paper)

Kathy E. Raymond

(Signature of person mailing paper or fee)

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Stefan P. Swierkowski                      Docket No. : IL-10475  
 Serial No. :    Art Unit :  
 Filed :    Batch No. :  
 For : A Microchannel Cross                      Examiner :  
       Load Array with Dense  
       Parallel Input

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY  
 STATUS [37 CFR 1.9 (f) and 1.27(d)] - NONPROFIT ORGANIZATION**

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

The Regents of the University of California  
 1111 Franklin Street  
 Oakland, CA 94607-5200

**TYPE OF ORGANIZATION**

  X   University or Other Institution of Higher Education

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code with regard to the invention entitled A Microchannel Cross Load Array with Dense Parallel Input

by inventor(s) Stefan P. Swierkowski

described in

  X   the specification filed herewith.

       application serial no. \_\_\_\_\_, filed \_\_\_\_\_.

       patent no. \_\_\_\_\_, issued \_\_\_\_\_.

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization with regard to the above identified invention, except for a license to a Federal Agency pursuant to 35 USC 202(c) (4).

Each person, concern or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

  X   no such person, concern, or organization

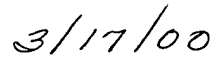
I acknowledge the duty to file, in this application or patent, notification of any charge in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true: and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

JANET G. TULK  
Laboratory Counsel  
Lawrence Livermore National Laboratory  
7000 East Avenue, L-701  
Livermore, CA 94550



JANET G. TULK



Date